

# Assol R Sakhabutdinova

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

603  
citations

1478280

6  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convective polymerase chain reaction in standard microtubes. <i>Analytical Biochemistry</i> , 2022, 641, 114565.	1.1	2
2	Encoding of non-biological information for its long-term storage in DNA. <i>BioSystems</i> , 2022, 215-216, 104664.	0.9	3
3	Inhibition of nonspecific polymerase activity using Poly(Aspartic) acid as a model anionic polyelectrolyte. <i>Analytical Biochemistry</i> , 2021, 628, 114267.	1.1	7
4	The Influence of Reaction Conditions on DNA Multimerization During Isothermal Amplification with Bst exo <sup>+</sup> DNA Polymerase. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 758-771.	1.4	21
5	Prevention of DNA multimerization using phosphoryl guanidine primers during isothermal amplification with Bst exo <sup>-</sup> DNA polymerase. <i>Biochimie</i> , 2020, 168, 259-267.	1.3	21
6	A new digital approach to SNP encoding for DNA identification. <i>Forensic Science International</i> , 2020, 317, 110520.	1.3	4
7	Enhancement of PCR efficiency using mono- and disaccharides. <i>Analytical Biochemistry</i> , 2020, 606, 113858.	1.1	6
8	Effect of metal ions on isothermal amplification with Bst exo <sup>-</sup> DNA polymerase. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1447-1455.	3.6	9
9	The influence of quality of primers on the formation of primer dimers in PCR. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 1251-1269.	0.4	9
10	Data on molecular docking simulations of quaternary complexes 'Bst exo <sup>-</sup> polymerase-DNA-dCTP-metal cations'. <i>Data in Brief</i> , 2020, 33, 106549.	0.5	1
11	Data on multimerization efficiency for short linear DNA templates and phosphoryl guanidine primers during isothermal amplification with Bst exo <sup>-</sup> DNA polymerase. <i>Data in Brief</i> , 2020, 29, 105188.	0.5	1
12	The influence of CpG (5'-d(CpG)-3' dinucleotides) methylation on ultrasonic DNA fragmentation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3877-3886.	2.0	4
13	Polymerase chain reaction with nearby primers. <i>Analytical Biochemistry</i> , 2017, 518, 126-133.	1.1	9
14	Changes in the hormonal status of wheat seedlings induced by salicylic acid and salinity. <i>Plant Science</i> , 2003, 164, 317-322.	1.7	506